

EXISTING SIGNS

12a, 12b
Green Valley Rd
D-3(2)
(VAR. X16")
DUAL FACE

11, 13-15
NO TURN ON RED
R10-11b
(24"x24")

16, 17, 20, 23
STOP HERE ON RED
R10-6A
(24"x30")

18, 22
WEST
26
SHIELD ASSEMBLY
(30"x51")

19, 21
EAST
26
SHIELD ASSEMBLY
(30"x51")

PROPOSED SIGNALS

9
16"

EXISTING SIGNALS

1-4, 6, 8
12"

5, 7
12"

10
12"

NEMA PHASING

02 03 04

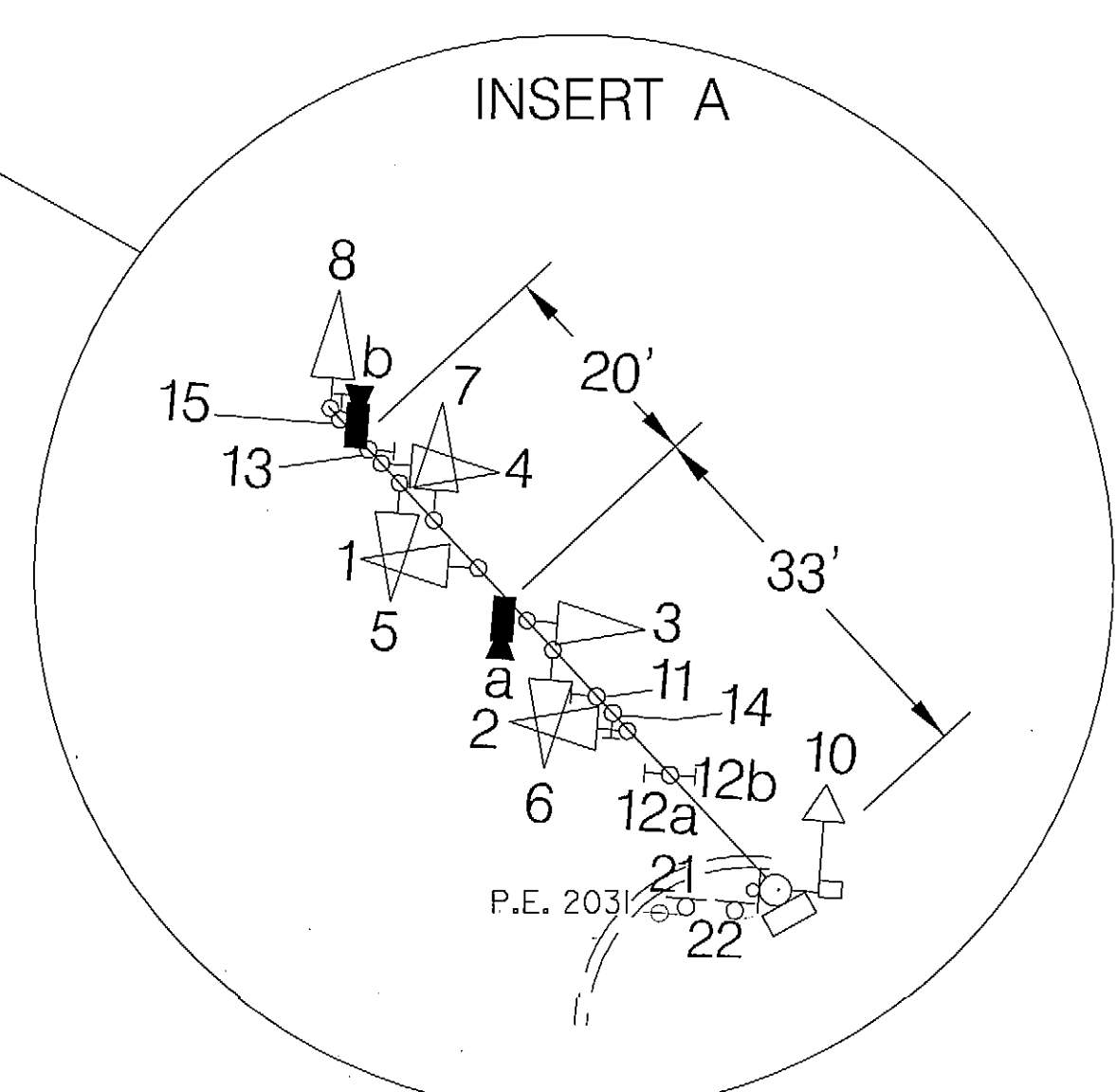
FLASHING OPERATION

06 04 ALT.

- CONSTRUCTION DETAILS**
- A. INSTALL INVASIVE PROBE (SET OF 3) AND SAW CUT TO THE NEAREST HANDHOLE.
 - B. UTILIZE EXISTING HANDHOLE.
 - C. INSTALL NEW 3 INCH SCHEDULE 80 PVC CONDUIT (TRENCHED). REPLACE SIDEWALK TO THE NEAREST JOINT.
 - D. INSTALL A 10 FT. BREAKAWAY PEDESTAL POLE WITH FOUNDATION (SHA STD. MD 801.01-01), BREAKAWAY COUPLINGS, LED PEDESTRIAN SIGNAL HEAD, AND PEDESTRIAN SIGN R10-3(1).
 - E. INSTALL NEW 4 INCH SCHEDULE 80 PVC CONDUIT (SLOTTED).
 - F. USE EXISTING MAST ARM AND INSTALL TWO (2) TERRA VIDEO DETECTION CAMERAS. FOR PRESENCE DETECTION FOR MD 75.
 - G. INSTALL TRAFFIC SIGNAL HANDHOLE.
 - H. USE EXISTING TRAFFIC SIGNAL CABINET.
 - J. CAP AND ABANDON EXISTING CONDUIT.
 - K. ADJUST EXISTING HANDHOLE TO GRADE.
 - L. REMOVE EXISTING PEDESTAL POLE FOUNDATION 12 INCHES BELOW GRADE.
 - M. INSTALL 1 INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.

- GENERAL NOTES**
- 1. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING MDSA STANDARD TYPICALS FOR TRAFFIC CONTROL.
 - 2. THE CONTRACTOR SHALL CONTACT MISS UTILITY TO VERIFY ALL UNDERGROUND UTILITIES PRIOR TO THE INSTALLATION OF PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER.
 - 3. WITHIN 36 IN. OF UNDERGROUND UTILITY LOCATIONS, THE CONTRACTOR SHALL BE REQUIRED TO EXCAVATE FOR FOUNDATION AND CONDUIT BY HAND.
 - 4. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
 - 5. THE SHA SIGNAL SHOP WILL BE RESPONSIBLE FOR ALL INTERNAL CABINET WIRING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ROUTING AND PROPERLY LABELING ALL SIGNAL CABLES.
 - 6. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL ABANDONED ELECTRICAL CABLES.
 - 7. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE PROJECT.
 - 8. THE CONTRACTOR SHALL REMOVE AND REPLACE CONCRETE SIDEWALK AT THE NEAREST JOINT.
 - 9. VIDEO CAMERA LOCATION/ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.

- SPECIAL NOTE:**
- 1. COMCAST IS TO RELOCATE THE EXISTING CABLE TELEVISION LINE ATTACHED TO UTILITY POLE # 2031 AND MOVE TO A NEW LOCATION CLEAR OF OVERHEAD UTILITY VIOLATIONS WITH THE TRAFFIC SIGNAL. PLEASE CONTACT MR. DWAYNE DOUTY, COMCAST, (301-456-8957), FOR MORE INFORMATION.
 - 2. INSTALLATION OF MICROLOOP PROBE SETS SHOULD BE DONE AFTER THE ROADWAY SURFACE HAS BEEN GRINDED. PLEASE COORDINATE WITH MR. KEVIN HOWELL, DISTRICT MAINTENANCE CONTRACT SUPERVISOR, AT 301-624-8109 TO VERIFY ROADWAY RESURFACING SCHEDULE.



TOD No: AX141-12
SHA No: FR640A51/B51
MD 26 @ MD 75

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 26 (LIBERTY ROAD) AND MD 75 (GREEN VALLEY ROAD)
LIBERTYTOWN, MARYLAND

REVISIONS		TRAFFIC SIGNAL PLAN	
ORIGINAL		SCALE 1"=20' ADVERTISED DATE CONTRACT NO.	
TEAM LEADER		DESIGNED BY COUNTY FREDERICK	
ASST. DIV. CHIEF		DRAWN BY C. MERRITT LOGMILE 10002609.68	
ON		CHECKED BY R. ZACHERL TMS NO. J513	
DIVISION CHIEF		F.A.P. NO. TOD NO.	
FILE		TS NO. 2169D DRAWING OF SHEET NO. 1 OF 2	
OFFICE DIRECTOR			

PLOTTED: Thursday, January 14, 2010 at 7:49:14 AM
FILE: J513GPD2.dgn

BY: cward